

## Injection Port | Inlet Liner PTV/LVI

Spot the Difference in the SGE Lineup!

The SGE inlet liner range aims to make it simple for all gas chromatographers to select the correct liner.

Choosing the right inlet liner and injection parameters can increase peak areas and reduce detection limits by up to 300 %.

### Features and benefits

- PTV and LVI liners generally have sintered glass beads or powder to increase the surface area and trap nonvolatile residue.
- PTV liners use baffles or a wisp of quartz wool to aid in vaporization of samples and retain droplets during low temperature injections.
- Side hole needles are recommended for these techniques to ensure effective distribution of sample within the liner.

### Recommended applications

PTV/LVI liners are recommended for the following sample or injection modes:

- Trace level analyses.
- PTV/LVI.
- Large volume Injections.



### Product specifications

PTV/LVI liners available for Agilent/Gerstel, PerkinElmer, Shimadzu 2010 injector, Thermo Scientific, and Varian/Bruker 1078/1079 injectors.

Injector	Length (mm)	OD (mm)	ID (mm)
Agilent/Gerstel	71	3	1.8
PerkinElmer	86.2	4	2
Shimadzu	95	3.1	1.5
Thermo	120	2.75	1.75
Thermo	120	2.75	0.78/1.8
Varian/Bruker	54	5	1.8/3.4

For more information about this product visit [www.trajanscimed.com](http://www.trajanscimed.com) or contact [techsupport@trajanscimed.com](mailto:techsupport@trajanscimed.com)